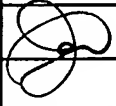




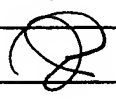
Sheet 1 of 1

| | | | |
|---|--|---------------------------------------|-------------------------------|
| FORM PTO-1449 | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTORNEY DOCKET NO. 1572.1166 | APPLICATION NO. 10/681,149 |
| INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i> | | FIRST NAMED INVENTOR Sang-don JANG | |
| | | FILING DATE October 9, 2003 | GROUP ART UNIT 3634 |

U.S. PATENT DOCUMENTS

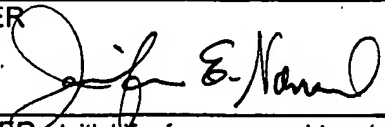
| *EXAMINER INITIAL | | DOCUMENT NO. | DATE | NAME | CLASS | SUB- CLASS | FILING DATE |
|---|----|-----------------|----------|-------------|-------|---------------|----------------|
|  | AA | 6,186,344 | 02/13/01 | Park et al. | | | |
| | AB | | | | | | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NO. | DATE | COUNTRY | TRANSLATION YES NO | | ABSTRACT |
|---|----|-----------------|----------|---------|-----------------------|--|----------|
|  | AG | 2002-299431 | 10/11/02 | Japan | | | X |
| | AH | | | | | | |
| | AI | | | | | | |
| | AJ | | | | | | |
| | AK | | | | | | |
| | AL | | | | | | |



OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | | TRANSLATION YES NO | |
|--|----|--|-----------------------|--|
| | AM | | | |



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| EXAMINER  | DATE CONSIDERED 1/5/06 |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |

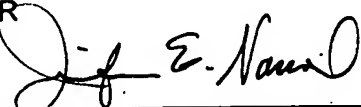
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| FORM PTO-1449 | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTORNEY DOCKET NO. 1572.1166 | APPLICATION NO. 10/681,149 |
| LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary) | | FIRST NAMED INVENTOR Sang-don JANG | |
| | | FILING DATE October 9, 2003 | GROUP ART UNIT 3634 Unassigned |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NO. | DATE | NAME | CLASS | SUB- CLASS | FILING DATE |
|---|----|-----------------|----------|-----------------|-------|---------------|----------------|
|  | AA | 6,092,981 | 07/25/00 | Pfeiffer et al. | | | |
| ↓ | AB | 6,098,808 | 08/08/00 | Matsuda et al. | | | |
| ↓ | AC | 6,155,426 | 12/05/00 | Matsuda et al. | | | |
|  | AD | 6,432,849 | 08/13/02 | Endo et al. | | | |




FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUB- CLASS | TRANSLATION YES NO | |
|---|----|-----------------|----------|---------|-------|---------------|-----------------------|--|
|  | AE | 7-101481 | 04/18/95 | Japan | | | | |
| ↓ | AF | 11-186374 | 07/09/99 | Japan | | | | |
| ↓ | AG | 2000-1748 | 01/07/00 | Japan | | | | |
| ↓ | AH | 2000-12670 | 01/14/00 | Japan | | | | |
|  | AI | 2000-49219 | 02/18/00 | Japan | | | | |

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|---|---------------------------|
| EXAMINER  | DATE CONSIDERED 1/5/06 |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |

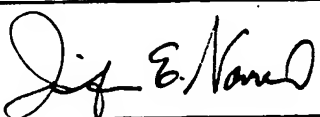
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| FORM PTO-1449 | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTORNEY DOCKET NO. 1572.1166 | APPLICATION NO. 10/681,149 |
| LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary) | | FIRST NAMED INVENTOR Sang-don JANG | |
| | | FILING DATE October 9, 2003 | GROUP ART UNIT Unassigned 3634 |

FOREIGN PATENT DOCUMENTS

| | | | | | | | | |
|---|----|------------|----------|-------|--|--|--|--|
|  | AJ | 10-188137 | 01/11/99 | Korea | | | | |
| | AK | 20-246482 | 09/01/01 | Korea | | | | |
| | AL | 2000-20985 | 04/15/00 | Korea | | | | |
| | AM | 2001-77788 | 08/20/01 | Korea | | | | |
|  | AN | 2002-17321 | 03/07/02 | Korea | | | | |
|  | AO | 2002-21357 | 03/20/02 | Korea | | | | |

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

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| | AP | |
| | | |

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|---|---------------------------|
| EXAMINER  | DATE CONSIDERED 1/5/06 |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |